IN THE CLAIMS

The following is a complete listing of the claims. This listing replaces all earlier versions and listings of the claims.

Claim 1 (currently amended): A method of ~~processing~~ controlling a receiving apparatus which processes an image, said method comprising the steps of:

receiving data of the image, the data being ~~which has been~~ transmitted from [[an]] a transmitting apparatus which is connected through a network;

judging [[the]] a format of the data ~~which has been~~ received in said receiving step, the format indicating whether an area analyzing processing and a character recognition processing are executed for the image by the transmitting apparatus;

~~executed the unexecuted processing(s) for the data in accordance with the data format thus judged~~ executing the area analyzing processing and the character recognition processing for the data based on the format of the data judged in said judging step; and

outputting the data for which ~~said processing has~~ both the area analyzing processing and the character recognition processing have been executed,

wherein said executing step includes executing both the area analyzing processing and the character recognition processing if it is judged in said judging step that the area analyzing processing and the character recognition processing are not executed for the data by the transmitting apparatus, and

2

wherein said executing step includes executing the character recognition processing for the data if it is judged in said judging step that the area analyzing processing is executed for the data by the transmitting apparatus and the character recognition processing is not executed for the data by the transmitting apparatus.

Claim 2 (currently amended): An image processing method according to claim 1, ~~wherein the data format to be judged is the data format which is instructed to said apparatus which is connected through said network~~ further comprising the step of instructing the format of the transmitted data to the transmitting apparatus.

Claim 3 (currently amended): An image processing method according to claim 1, wherein the ~~data to be received is the data which is produced by analyzing the image~~ area analyzing processing extracts some areas from the image and binarizes the extracted area having text attribute.

Claim 4 (currently amended): An image processing method according to claim 1, wherein the received data is the data for which the ~~processings up to a predetermined stage of the processings of a plurality of stages have been executed, and also the subsequent processings are executed for the received data in said processing step~~ area analyzing processing and the character recognition processing are not executed by the transmitting apparatus, or the data for which the area analyzing processing is executed and the character recognition processing is not executed by the transmitting apparatus, or the

3

data for which both of the area analyzing processing and the character recognition

processing are executed by the transmitting apparatus.

Claim 5 (currently amended): An image processing method according to

claim 1, ~~wherein the character recognizing processing is executed for the received data in~~

~~said processing step~~ further comprising the step of correcting character codes of the result

of the character recognition processing performed by the receiving apparatus according to a

user instruction.

Claim 6 (currently amended): An image processing method according to

claim 1, ~~further comprising the area division correcting step of, for the data for which it is~~

~~judged in the judgement step that the format of the received data is the data format which~~

~~has been subjected to the area division processing, when the correction of the area division~~

~~is instructed by a user, carrying out the correction of the area division~~ further comprising

the step of correcting the result of the area analyzing processing performed by the receiving

apparatus according to a user instruction.

Claim 7 (currently amended): A method of ~~processing~~ controlling a

transmitting apparatus which processes an image, said method comprising the steps of:

receiving an instruction ~~having~~ of a data format ~~which has been~~

~~issued from an~~ issued from a receiving apparatus which is connected through a network;

4

judging whether each of an area analyzing processing and a character recognition processing is to be executed for the image by the transmitting apparatus based on the received instruction of the data format;

executing, ~~for the image data, the processings up to a predetermined stage of the processings of a plurality of stages in accordance with the data format~~ the area analyzing processing and the character recognition processing for the image based on the result in said judging step; and

transmitting the data ~~which has been processed in said processing step to said apparatus~~ of the image to the receiving apparatus, the data of the image being the data processed in said executing step,

wherein said executing step includes executing both of the area analyzing processing and the character recognition processing if it is judged in said judging step that both of the area analyzing processing and the character recognition processing are to be executed,

wherein said executing step includes executing the area analyzing processing if it is judged in said judging step that the area analyzing processing is to be executed and the character recognition processing is not to be executed, and

wherein, in said executing step, the area analyzing processing and the character recognition processing are not performed if it is judged in said judging step that both the area analyzing processing and the character recognition processing are not to be executed.

5

Claim 8 (currently amended): An image processing method according to claim 7, wherein [[an]] the instruction ~~to read out the data is received together with the instruction of the data format in said instruction receiving step~~ received in said receiving step includes an instruction to read the image data; and

said method further comprises the ~~reading~~ step, of starting the processing of reading [[out]] the image data in accordance with the instruction to read [[out]] the data.

Claims 9 and 10 (canceled)

Claim 11 (currently amended): An image processing method according to claim 7, wherein the ~~binarization processing is executed for the text area of the image data in said processing step~~ area analyzing processing extracts some areas from the image and binarizes the extracted area having text attribute.

Claim 12 (currently amended): An image processing method according to claim 7, wherein the image [[data]] is the image [[data]] which has been read [[out]] through a scanner.

Claim 13 (currently amended): An image processing receiving apparatus which processes an image, said apparatus comprising:

6

reception means for receiving data of the image, the data being ~~which has been~~ transmitted from [[an]] a transmitting apparatus which is connected through a network;

judgement means for judging [[the]] a format of the data ~~which has been~~ received by said reception means, the format indicating whether an area analyzing processing and a character recognition processing are executed for the image by said judgment means;

processing means for executing ~~the unexecuted processing(s) for the data in accordance with the data format thus judged~~ the area analyzing processing and the character recognition processing for the data based on the format of the data judged by said judgement means; and

output means for outputting the data for which ~~said processing has been executed~~ both the area analyzing processing and the character recognition processing have been executed,

wherein said processing means executes both the area analyzing processing and the character recognition processing if it is judged by said judgement means that the area analyzing processing and the character recognition processing are not executed for the data by the transmitting apparatus, and

wherein said processing means executes the character recognition processing for the data if it is judged by said judgement means that the area analyzing processing is executed for the data by the transmitting apparatus and the character recognition processing is not executed for the data by the transmitting apparatus.

Claim 14 (currently amended): An image processing <u>receiving</u> apparatus according to claim 13, ~~wherein the data format to be judged is the data format which is instructed to said apparatus which is connected through said network~~ <u>further comprising instruction means for instructing the format of the transmitted data to the transmitting apparatus.</u>

Claim 15 (currently amended): An image processing <u>receiving</u> apparatus according to claim 13, wherein the ~~data to be received is the data which is produced by analyzing the image~~ <u>area analyzing processing extracts some areas from the image and binarizes the extracted area having text attribute.</u>

Claim 16 (currently amended): An image processing <u>receiving</u> apparatus according to claim 13, wherein the received data is the data for which the ~~processings up to a predetermined stage of the processings in a plurality of stages have been executed, and said processing means executes the subsequent processings for the received data~~ <u>area analyzing processing and the character recognition processing are not executed by the transmitting apparatus, or the data for which the area analyzing processing is executed and the character recognition processing is not executed by the transmitting apparatus, or the data for which both of the area analyzing processing and the character recognition processing are executed by the transmitting apparatus.</u>

Claim 17 (currently amended): An image processing <u>receiving</u> apparatus according to claim 13, ~~wherein said processing means executes the character recognizing processing for the received data~~ <u>further comprising character correction means for correcting character codes of the result of the character recognition processing preformed by said apparatus according to a user instruction</u>.

Claim 18 (currently amended): An image processing <u>receiving</u> apparatus according to claim 13, ~~further comprising area division correcting means for, for the data for which it is judged by said judgement means that the format of the received data is the data format which has been subjected to the area division processing, when the correction of the area division is instructed by a user, carrying out the correction of the area division~~ <u>further comprising correction means for correcting the result of the area analyzing processing performed by said apparatus according to a user instruction</u>.

Claim 19 (currently amended): An image processing <u>transmitting</u> apparatus <u>which processes an image, said apparatus</u> comprising:

instruction receiving means for receiving an instruction of a data format ~~which has been~~ issued from [[an]] <u>a receiving</u> apparatus which is connected through a network;

<u>judgement means for judging whether each of an area analyzing processing and a character recognition processing is to be executed for the image by said apparatus based on the received instruction of the data format;</u>

processing means for executing, ~~for image data, the processings up to a predetermined stage of the processings having a plurality of stages in accordance with the data format~~ the area analyzing processing and the character recognition processing for the image based on the result from said judgement means; and

transmission means for transmitting the data ~~which has been processed in said processing means to said apparatus~~ of the image to the receiving apparatus, the data of the image being the data processed by said processing means,

wherein said processing means executes both of the area analyzing processing and the character recognition processing if it is judged by said judgement means that both of the area analyzing processing and the character recognition processing are to be executed,

wherein said processing means executes the area analyzing processing if it is judged by said judgement means that the area analyzing processing is to be executed and the character recognition processing is not to be executed, and

wherein said processing means does not execute the area analyzing processing and the character recognition processing if it is judged by said judgement means that both the area analyzing processing and the character recognition processing are not to be executed.

Claim 20 (currently amended): An image processing transmitting apparatus according to claim 19, wherein the instruction received by said instruction receiving means

10

receives, together with the instruction for the data format, includes an instruction to read [[out data]] the image data, and

said image processing apparatus further comprises reading means for starting to read [[out] the image data in accordance with the instruction to read [[out]] the data.

Claims 21 and 22 (canceled)

Claim 23 (currently amended): An image processing transmitting apparatus according to claim 19, wherein said processing means executes the binarization processing for the text area of the image data the area analyzing processing extracts some areas from the image and binarizes the extracted area having text attribute.

Claim 24 (currently amended): An image processing transmitting apparatus according to claim 19, wherein the image [[data]] is the image [[data]] which has been read [[out]] from a scanner.

Claim 25 (currently amended): An image processing system to which comprising a first image processing receiving apparatus and a second image processing transmitting apparatus [[are]] connected through a network,

said transmitting apparatus comprises:

first judgement means for judging whether each of an area analyzing processing and a character recognition processing is to be executed for an image by said transmitting apparatus based on an instruction issued from said receiving apparatus;

first execution means for executing the area analyzing processing and the character recognition processing for the image based on the result from said first judgement means; and

transmission means for transmitting the data of the image to said receiving apparatus, wherein the data of the image is the data processed by said first execution means,

wherein said first execution means executes both of the area analyzing processing and the character recognition processing if said first judgement means judges that both of the area analyzing processing and the character recognition processing are to be executed,

wherein said first execution means executes the area analyzing processing if said first judgement means judges that the area analyzing processing is to be executed and the character recognition processing is not to be executed, and

wherein said first execution means does not execute both of the area analyzing processing and the character recognition processing if said first judgement means judges that both of the area analyzing processing and the character recognition processing are not to be executed; and

said receiving apparatus comprises:

reception means for receiving the data of the image, the data being transmitted by said transmitting means of said transmitting apparatus;

second judgement means for judging a format of the data received by said reception means, the format indicates whether the area analyzing processing and the character recognition processing are executed for the image by said transmitting apparatus;

second execution means for executing the area analyzing processing and the character recognition processing for the data based on the format of the data judged by said second judgement means;

output means for outputting the data for which both of the area analyzing processing and the character recognition processing have been executed,

wherein said second execution means executes both the area analyzing processing and the character recognition processing if said second judgement means judges that the area analyzing processing and the character recognition processin are not executed for the data by said transmitting apparatus, and

wherein said second execution means executes the character recognition processing for the data if said second judgement means judges that the area analyzing processing is executed for the data by the transmitting apparatus and the character recognition processing is not executed for the data by said transmitting apparatus.

wherein said second image processing apparatus executes, for image data, the processings up to a predetermined step of the processings of a plurality of stages in accordance with a predetermined data format to transmit the data for which the

13

processings up to the predetermined stage have been executed to said first image

processing apparatus; and

said first image processing apparatus which has received the data for

which the processings up to the predetermined step have been executed judges the data

format of the received data to execute the unexecuted processing(s) for the received data to

output the data for which the unexecuted processing(s) has(have) been executed.

Claim 26 (canceled)

Claim 27 (currently amended): An image processing system according to

claim 25, wherein the processings of a plurality of stages include the area division of the

image data and the character recognition area analyzing processing extracts some areas

from the image and binarizes the extracted area having text attribute.

Claim 28 (currently amended): An image processing system according to

claim 25, wherein said receiving apparatus further comprises character correction means

for correcting character codes of the result of the character recognition processing

performed by said receiving apparatus according to a user instruction the processings up to

a predetermined stage which are executed in said second image processing apparatus

include the area division; and

the unexecuted processing(s) which is(are) executed in said first

image processing apparatus include(s) the character recognition.

Claim 29 (currently amended): An image processing system according to claim 25, wherein said receiving apparatus further comprises area correcting means for correcting the result of the area analyzing processing performed by said receiving apparatus according to a user instruction ~~said first image processing apparatus, for the data for which it is judged by said judgement means that the format of the received data is the format of the data for which the area division processing has been executed, when the correction of the area division is instructed by a user, can carry out the correction of the area division~~.

Claim 30 (currently amended): An image processing system according to claim 25, wherein said transmitting apparatus starts the processing of reading the image data in accordance with an instruction issued by said receiving apparatus ~~said second image processing apparatus starts the processing of reading out the image data in accordance with an instruction to read out the data which has been issued from said first image processing apparatus~~.

Claim 31 (currently amended): An image processing system according to claim 25, wherein the area analyzing processing extracts some areas from the image and binarizes the extracted area having text attribute ~~said second image processing apparatus executes the binarization processing of the text area of the image data in accordance with the predetermined data format~~.

15

Claim 32 (currently amended): An image processing system according to claim 25, wherein the <u>transmitting apparatus further comprises a scanner for reading the image</u> ~~image data is the image data which has been read out through a scanner~~.

Claim 33 (currently amended): A storage medium for storing ~~therein~~ an image processing control program which <u>executes a method of controlling a receiving apparatus which processes an image</u> ~~can be read out by a computer~~, said image processing control program comprising the steps of:

receiving data <u>of the image, the data being</u> ~~which has been~~ transmitted from [[an]] <u>a transmitting</u> apparatus which is connected through a network;

judging [[the]] <u>a</u> format of the data ~~which has been~~ received <u>in said receiving step, the format indicating whether an area analyzing processing and a character recognition processing are executed for the image by the transmitting apparatus</u>;

~~executed the unexecuted processing(s) for the data in accordance with the data format thus judged~~ <u>executing the area analyzing processing and the character recognition processing for the data based on the format of the data judged in said judging step</u>; and

outputting the data for which ~~said processing has~~ <u>both the area analyzing processing and the character recognition processing have</u> been executed<u>,</u>

<u>wherein said executing step includes executing both the area analyzing processing and the character recognition processing if it is judged in said judging</u>

16

step that the area analyzing processing and the character recognition processing are not executed for the data by the transmitting apparatus, and

wherein said executing step includes executing the character recognition processing for the data if it is judged in said judging step that the area analyzing processing is executed for the data by the transmitting apparatus and the character recognition processing is not executed for the data by the transmitting apparatus.

Claim 34 (currently amended): A storage medium according to claim 33, ~~wherein the data format to be judged is the data format which is instructed to said~~ ~~apparatus which is connected through said network~~ said method further comprising the step of instructing the format of the transmitted data to the transmitting apparatus.

Claim 35 (currently amended): A storage medium according to claim 33, wherein the ~~data to be received is the data which is produced by analyzing the image~~ area analyzing processing extracts some areas from the image and binarizes the extracted area having text attribute.

Claim 36 (currently amended): A storage medium according to claim 33, wherein the received data is the data for which the ~~processings up to a predetermined stage~~ ~~of the processings of a plurality of stages have been executed, and also the subsequent~~ ~~processings are executed for the received data in said processing step~~ area analyzing processing and the character recognition processing are not executed by the transmitting

17

apparatus, or the data for which the area analyzing processing is executed and the character

recognition processing is not executed by the transmitting apparatus, or the data for which

both of the area analyzing processing and the character recognition processing are executed

by the transmitting apparatus.

Claim 37 (currently amended): A storage medium according to claim 33,

~~wherein the character recognizing processing is executed for the received data in said~~

~~processing step~~ said method further comprising the step of correcting character codes of the

result of the character recognition processing performed by the receiving apparatus

according to a user instruction.

Claim 38 (currently amended): A storage medium according to claim 33,

~~further comprising the area division correcting step of, for the data for which it is judged in~~

~~the judgement step that the format of the received data is the data format which has been~~

~~subjected to the area division processing, when the correction of the area division is~~

~~instructed by a user, carrying out the correction of the area division~~ said method further

comprising the step of correcting the result of the area analyzing processing performed by

the receiving apparatus according to a user instruction.

Claim 39 (currently amended): A storage medium for storing ~~therein~~ an

image processing control program which executes a method of controlling a transmitting

18

apparatus which processes an image ~~can be read out by a computer~~, said image processing

control program comprising the steps of:

receiving an instruction of a data format ~~which has been~~ issued from

[[an]] a receiving apparatus which is connected through a network;

judging whether each of an area analyzing processing and a

character recognition processing is to be executed for the image by the transmitting

apparatus based on the received instruction of the data format;

executing, ~~for the image data, the processings up to a predetermined~~

~~stage of the processings of a plurality of stages in accordance with the data format~~ the area

analyzing processing and the character recognition processing for the image based on the

result in said judging step; and

transmitting the data ~~which has been processed in said processing~~

~~step to said apparatus~~ of the image to the receiving apparatus, the data of the image being

the data processed in said executing step,

wherein said executing step includes executing both of the area

analyzing processing and the character recognition processing if it is judged in said judging

step that both of the area analyzing processing and the character recognition processing are

to be executed,

wherein said executing step includes executing the area analyzing

processing if it is judged in said judging step that the area analyzing processing is to be

executed and the character recognition processing is not to be executed, and

wherein said executing step does not execute the area analyzing

processing and the character recognition processing if it is judged in said judging step that

both the area analyzing processing and the character recognition processing are not to be

executed.

Claim 40 (currently amended): A storage medium according to claim 39,

wherein ~~in said instruction receiving step, an~~ the instruction ~~to read out the data is received~~

~~together with the instruction for the data format~~ received in said receiving step includes an

instruction to read the image data, and

said image processing control program further comprises the step of

starting to read [[out]] the image data in accordance with the instruction to read [[out]] the

data.

Claims 41 and 42 (canceled)

Claim 43 (currently amended): A storage medium according to claim 39,

wherein the ~~binarization processing for the text area of the image data is executed in said~~

~~processing step~~ area analyzing processing extracts some areas from the image and binarizes

the extracted area having text attribute.

20

Claim 44 (currently amended): A storage medium according to claim 39, wherein the image [[data]] is the image [[data]] which has been read [[out]] from a scanner.